

# INTERNATIONAL SEARCH REPORT

ational Application No  
/GB2004/002828

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7    G01N33/50    C12Q1/02    G01N33/68		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7    G01N    C12Q		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, WPI Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 265 073 A (TIBOTEC PHARM LTD) 11 December 2002 (2002-12-11)  page 3, line 36 - page 5, line 30; figures 1,2; examples 1,2	1,4,7, 10-13, 20-25
X	WO 01/85978 A (IMEC INTER UNI MICRO ELECTR ; VERHAEGEN KATARINA (BE); VERWAERDE PHILI) 15 November 2001 (2001-11-15) the whole document  <div style="text-align: center;">----- -/--</div>	1-12, 20-25
<div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</span> <span><input checked="" type="checkbox"/> Patent family members are listed in annex.</span> </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>° Special categories of cited documents :</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*G* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search  <div style="text-align: center;">7 September 2004</div>		Date of mailing of the international search report  <div style="text-align: center;">28/09/2004</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  <div style="text-align: center;">Diez Schlereth, D</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>JOHANNESSEN E A ET AL: "MICROMACHINED NANOCALORIMETRIC SENSOR FOR ULTRA-LOW-VOLUME CELL-BASED ASSAYS" ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. COLUMBUS, US, vol. 74, no. 9, 1 May 2002 (2002-05-01), pages 2190-2197, XP001132722 ISSN: 0003-2700 the whole document</p>	1,4,7, 10-13, 20-25
X	<p>VELAZQUEZ-CAMPOY A ET AL: "HIV-1 protease inhibitors: Enthalpic versus entropic optimization of the binding affinity" BIOCHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, PA, US, vol. 39, no. 9, 7 March 2000 (2000-03-07), pages 2201-2207, XP002254944 ISSN: 0006-2960 the whole document</p>	1,4,7, 10-13, 15,20-25
A	<p>PIERCE M M ET AL: "Isothermal Titration Calorimetry of Protein-Protein Interactions" METHODS : A COMPANION TO METHODS IN ENZYMOLOGY, ACADEMIC PRESS INC., NEW YORK, NY, US, vol. 19, no. 2, October 1999 (1999-10), pages 213-221, XP004466826 ISSN: 1046-2023 the whole document</p>	1-25
A	<p>WALDRON TRAVIS T ET AL: "Stabilization of proteins by ligand binding: Application to drug screening and determination of unfolding energetics." BIOCHEMISTRY, vol. 42, no. 17, 6 May 2003 (2003-05-06), pages 5058-5064, XP002295255 ISSN: 0006-2960 the whole document</p>	1-25

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/GB2004/002828

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1265073	A	11-12-2002	EP 1265073 A2	11-12-2002
			US 2003113748 A1	19-06-2003
WO 0185978	A	15-11-2001	AU 5996101 A	20-11-2001
			AU 5996201 A	20-11-2001
			WO 0185978 A2	15-11-2001
			WO 0185901 A2	15-11-2001
			EP 1281067 A2	05-02-2003
			EP 1281068 A2	05-02-2003
			JP 2003532876 T	05-11-2003
			JP 2003532877 T	05-11-2003
			US 2004038227 A1	26-02-2004
			US 2004038228 A1	26-02-2004